EXHIBIT 5

APPENDIX D - First Command Word Hierarchy Usage by Vendors

	# Vendors	ADTRAN	Alcatel/ALU	Allied Telesis	Avaya	Brocade	Dell	D-Link	Edge-Core	Ericsson	Extreme Networks	Foundry Networks	HP
aaa	13	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED
address-family	10	SUPPORTED				SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED	SUPPORTED
aggregate-address	10				SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED	SUPPORTED
area	16	SUPPORTED			SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
arp	15	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
banner	13	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED
bfd	4					SUPPORTED	SUPPORTED	SUPPORTED					
bgp	8	SUPPORTED			SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED				SUPPORTED
boot	15	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
channel-group	10		SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		
class-map	9		SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED			
clear	18	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
clock	15	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
control-plane	2						SUPPORTED						
default-information	12	SUPPORTED		SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED			
default-metric	11		SUPPORTED			SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED				SUPPORTED
distance	13	SUPPORTED				SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED
domain-id	3								SUPPORTED			SUPPORTED	
dot1x	13		SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
enable	18	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
erase	11			SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED
errdisable	6		SUPPORTED			SUPPORTED		SUPPORTED			SUPPORTED	SUPPORTED	
flowcontrol	11	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED
interface	18	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
ip	18	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
ipv6	16	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED	SUPPORTED
is-type	5				SUPPORTED		SUPPORTED					SUPPORTED	
isis	7				SUPPORTED		SUPPORTED					SUPPORTED	SUPPORTED
lacp	14		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
link	5	SUPPORTED					SUPPORTED	SUPPORTED					SUPPORTED
lldp	13	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED		
load-interval	4											SUPPORTED	SUPPORTED
log-adjacency-changes	4						SUPPORTED					SUPPORTED	
logging	15	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
mac	13	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
max-connections	0												
maximum-paths	11					SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED	SUPPORTED
neighbor	14	SUPPORTED			SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
network	17	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
no	17		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
ntp	11	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED		
passive-interface	8			SUPPORTED			SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED		
policy-map	9		SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED			
port-channel	10	SUPPORTED		SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED		
priority-flow-control	4						SUPPORTED		SUPPORTED	SUPPORTED			
private-vlan	8			SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED		
ptp	1												
radius-server	14	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
redundancy	6						SUPPORTED	SUPPORTED			SUPPORTED		SUPPORTED
route-map	13	SUPPORTED			SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED
router	16	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
router-id	14				SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
routing-context	0												
service	15	SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
set-overload-bit	3						SUPPORTED					SUPPORTED	
show	18	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
snmp	11		SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED	SUPPORTED
snmp-server	17	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
spf-interval	4						SUPPORTED					SUPPORTED	
statistics	3				SUPPORTED								SUPPORTED
storm-control	9	SUPPORTED		SUPPORTED			SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED	
switchport	12	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED		
tacacs-server	14	SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
terminal	14		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED	SUPPORTED
timers	16			SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
username	14	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
vlan	16	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
vrf	7	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED						SUPPORTED	
vrrp	8	SUPPORTED	SUPPORTED				SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED
Total:		38	33	39	38	48	61	58	52	33	39	46	47

APPENDIX D - First Command Word Hierarchy Usage by Vendors

IBM	Juniper JUNOSe	NETGEAR	NextHop Techs.	Procket Networks	Sun/Oracle
	SUPPORTED	SUPPORTED		SUPPORTED	
	SUPPORTED		SUPPORTED	SUPPORTED	
SUPPORTED	SUPPORTED		SUPPORTED		
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
	SUPPORTED	SUPPORTED			SUPPORTED
SUPPORTED	SUPPORTED			SUPPORTED	
	SUPPORTED				
	SUPPORTED		SUPPORTED		
SUPPORTED	SUPPORTED	SUPPORTED			
	SUPPORTED				SUPPORTED
		SUPPORTED			SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
	SUPPORTED	SUPPORTED		SUPPORTED	
	SUPPORTED				
SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
	SUPPORTED	SUPPORTED			SUPPORTED
	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
	SUPPORTED				
SUPPORTED		SUPPORTED			SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
	SUPPORTED	SUPPORTED		SUPPORTED	
SUPPORTED					
SUPPORTED		SUPPORTED			
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
	SUPPORTED		SUPPORTED		
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SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED
	SUPPORTED				
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		SUPPORTED			SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
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SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED			SUPPORTED	
		SUPPORTED	SUPPORTED		
		SUPPORTED			SUPPORTED
SUPPORTED		SUPPORTED			SUPPORTED
		SUPPORTED			
SUPPORTED					
SUPPORTED					
SUPPORTED				SUPPORTED	
	SUPPORTED			SUPPORTED	
SUPPORTED	SUPPORTED		SUPPORTED		SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
			SUPPORTED		
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
	SUPPORTED	SUPPORTED			SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
	SUPPORTED		SUPPORTED		
	SUPPORTED				
SUPPORTED		SUPPORTED			SUPPORTED
SUPPORTED		SUPPORTED			SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	
	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	
	SUPPORTED	SUPPORTED			
SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED
35	48	41	25	31	30